

Title (en)
SUPLATAST TOSILATE CRYSTALS

Title (de)
SUPLATAST TOSILAT KRISTALLE

Title (fr)
CRISTAUX DE TOSILATE DE SUPLATAST

Publication
EP 1295870 B1 20071219 (EN)

Application
EP 02717168 A 20020416

Priority
• JP 0203762 W 20020416
• JP 2001117165 A 20010416

Abstract (en)
[origin: EP1295870A1] Provided are a suplastast tosilate crystal showing characteristic peaks in powder X-ray diffraction at diffraction angles (2 θ +/- 0.1 DEG) of 5.6 DEG , 9.0 DEG , 11.0 DEG , 15.3 DEG , 16.5 DEG , 17.2 DEG , 17.9 DEG , 19.2 DEG , 19.9 DEG and 21.5 DEG ; and a preparation process of the crystal. Owing to merits such as a fluctuation-free optically active substance ratio, low hygroscopicity and high storage stability, the suplastast tosilate crystal of the present invention can be mass produced easily and at the same time, is advantageous in drug preparation or quality management. It is thus excellent as a raw material for pharmaceuticals.

IPC 8 full level
C07C 381/12 (2006.01); **A61K 31/167** (2006.01); **A61P 13/12** (2006.01); **A61P 37/08** (2006.01)

CPC (source: EP KR US)
A61P 13/02 (2017.12 - EP); **A61P 13/12** (2017.12 - EP); **A61P 17/04** (2017.12 - EP); **A61P 37/08** (2017.12 - EP);
C07C 381/12 (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1295870 A1 20030326; EP 1295870 A4 20060118; EP 1295870 B1 20071219; AT E381538 T1 20080115; AU 2002248036 B2 20050421;
CA 2413087 A1 20021216; CA 2413087 C 20080311; CN 1205182 C 20050608; CN 1461297 A 20031210; CY 1107112 T1 20121024;
DE 60224145 D1 20080131; DE 60224145 T2 20081211; DK 1295870 T3 20080128; ES 2298358 T3 20080516; HK 1059773 A1 20040716;
JP 4015954 B2 20071128; JP WO2002083633 A1 20040805; KR 100535305 B1 20051208; KR 20030029051 A 20030411;
PT 1295870 E 20080110; TW I241289 B 20051011; US 2003149105 A1 20030807; US 7138140 B2 20061121; WO 02083633 A1 20021024

DOCDB simple family (application)
EP 02717168 A 20020416; AT 02717168 T 20020416; AU 2002248036 A 20020416; CA 2413087 A 20020416; CN 02801260 A 20020416;
CY 071101637 T 20071227; DE 60224145 T 20020416; DK 02717168 T 20020416; ES 02717168 T 20020416; HK 04102618 A 20040415;
JP 0203762 W 20020416; JP 2002581390 A 20020416; KR 20027016413 A 20020416; PT 02717168 T 20020416; TW 91107763 A 20020416;
US 29760102 A 20021213